

Report of the Ethanol Working Group

**Non-Petroleum Fuel Working Group
Conference**

**California Energy Commission
Sacramento, California
October 12, 2004**

ETOH Working Group Participation

- **Major Oil Companies** - BP, ChevronTexaco, Tesoro
- **Independent Oil Companies** -. Interstate Oil Co., Silvas Oil Co.
- **Auto Manufacturers** - Ford, Daimler Chrysler, General Motors
- **Fuels development coalitions** — California Renewable Fuels Partnership, E-Diesel Consortium
- **Fuels development** – Pure Fuels Inc. , O2 Diesel Inc.
- **Environmental groups** — NRDC, REAP, Bluewater Network
- **State agencies** — Energy Commission, Air Resources Board
Department of Food and Agriculture
- **Investment/Finance** — First Southwest Company
- **Common Carrier (pipeline)** - Kinder Morgan
- **Industry Association** — Alliance of Automobile Manufacturers,
Western States Petroleum Association (monitor only), Renewable Fuels Association

Status of Activities

- ***Four group teleconferences***
- ***Three options chosen – E-85 and other “FFV” fuels, E-diesel, and ethanol in California reformulated gasoline***
- ***Subcommittee process emerging***
- ***Barrier identification process***
- ***Actions to overcome barrier***
- ***Business-as-usual and aggressive scenario building for 2010, 2015, and 2020***
- ***Consensus on Actions-to-Overcome barriers on-going***

Application categories

- ***Ethanol use in Flexible Fuel Vehicles (FFVs) in the form of E-85 (85 % ethanol plus gasoline) or at lower ethanol content “FFV” fuel (30 to 40%)***
- ***As the blending component in California Reformulated Gasoline (CaRFG) – 0 to 10 %***
- ***As a blending component in diesel fuel limited to on-road fleets and off-road heavy duty diesel engines***
- ***Possible future use of ethanol as a source of hydrogen for fuel cell applications***